Philips 3000 series
LCD TV with Digital Crystal Clear

42"
Full HD 1080p

42PFL3604

Clearly a smart choice

With easy-to-use and future-proof technology

Experience great picture and sound quality with this Full HD 1080p display. So easy to enjoy, with high quality as standard, you can be sure that you make the right choice with this Philips Flat TV.

Vivid and razor sharp pictures
- Digital Crystal Clear for detail depth and clarity
- Full HD LCD display, with a 1920 x 1080p resolution
- 28.9 billion colours for brilliant natural images
- Dynamic contrast 30000:1 for incredible rich black details

Crisp and Clear sound
- Incredible Surround for enhanced audio enjoyment
- 2 x 10 W RMS audio power

Easy to connect and enjoy
- 2 HDMI inputs with Easylink for a full HD connection
- PC input (HDMI)
- Smart Picture and Smart Sound to personalise your viewing

NL/22/001

PHILIPS
sense and simplicity

LCD TV with Digital Crystal Clear
42" Full HD 1080p

42PFL3604/12

Highlights

Digital Crystal Clear

Digital Crystal Clear is a package of picture innovations that digitally adjusts and optimises picture quality to optimal contrast, colour and sharpness levels. It's like watching vivid cinema-like images.

Full HD LCD display 1920 x 1080p

The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future-proof as it supports 1080p signals from all sources, including the most recent sources such as Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colours.

28.9 billion colours

Vibrant and natural images from the most advanced colour processing. The 3 colour channels (RGB) are optimised using 10-bit resolution, a total processing power of 28.9 billion colours. It produces vibrant colours while retaining excellent sharpness. The advanced algorithms detect subtle colour shades and skin tones and process them to give the most natural colours.

Incredible Surround

Incredible Surround is an audio technology from Philips that dramatically magnifies the sound field to immerse you in the audio. Using state-of-the-art electronic phase shifting, Incredible Surround mixes sounds from left and right in such a way that it expands the virtual distance between the two speakers. This wider spread greatly enhances the stereo effect and creates a more natural sound dimension. Incredible Surround allows you to experience total surround with greater depth and width of sound, without the use of additional speakers.

2 x 10 W RMS audio power

2 x 10 W RMS audio power

2 HDMI inputs with EasyLink

EasyLink uses the HDMI CEC industry standard protocol to share functionality between connected devices and the TV. With Easylink, only one remote control is needed to operate main functionalities on your TV and connected devices. HDMI makes an uncompressed digital RGB connection from the source to the screen for the ultimate picture quality. HDMI uses HDCP copy protection. With 1 HDMI input on the back and 1 HDMI on the side of the TV you can connect multiple HD sources, such as an HD set-top box, a Blu-ray player and a Game Console or Digital Camcorder.

PC input (HDMI)

With PC input you can use your TV as a PC monitor via an HDMI-DVI cable/converter.

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ECO Flower

Over the last 10 years we have worked hard to lower our environmental impact and will continue to do so. Our eco-design process aims to create Philips televisions that are increasingly eco-friendly and that have significantly less impact on the environment. Philips has been awarded the EU ECO label (the flower) on the majority of its models because of the televisions' high energy efficiency, ultra low standby powers (up to 50% less than the required EU ECO label level), absence of hazardous substances (e.g. lead) and the fact that Philips has designed televisions that can be easily recycled.

Digital CrystalClear
Full HD 1080p
28.9 billion colours
Incredible Surround
HDMI 2x with easyLINK
TV PC-IN
SmartMode

LCD TV with Digital Crystal Clear
42" Full HD 1080p

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Specifications

Picture/Display
- Aspect ratio: Widescreen
- Brightness: 500 cd/m²
- Dynamic screen contrast: 30,000:1
- Response time (typical): 5 ms
- Viewing angle: 178° (H)/178° (V)
- Diagonal screen size: 42 inch / 107 cm
- Display screen type: LCD WXGA+ Active Matrix TFT
- Panel resolution: 1920 x 1080p
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, 3D MA deinterlacing, Active Control, Colour Enhancement, Colour Transient Improvement, Digital Crystal Clear, Digital Noise Reduction, Dynamic contrast enhancement, Progressive scan, Sharpness Adjustment, Automatic skin tone correction, 1080p 24/25/30 Hz processing, 1080p 50/60 Hz processing
- Screen enhancement: Semi-glare

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60 Hz
800 x 600	60 Hz
1024 x 768	60 Hz
1280 x 720	60 Hz
1280 x 768	60 Hz
1280 x 1024	60 Hz
1360 x 768	60 Hz
1440 x 900	60 Hz
1680 x 1050	50 Hz, 60 Hz
Via HDMI/DVI input	

- Video formats

Resolution	Refresh rate
480i	60 Hz
480p	60 Hz
576i	50 Hz
576p	50 Hz
720p	50, 60 Hz
1080i	50, 60 Hz
1080p	24, 50, 60 Hz
1080p	24, 25, 30, 50, 60 Hz

Sound
- Output power (RMS): 2 x 10 W
- Sound Enhancement: Auto Volume Leveller, Incredible Surround, Smart Sound
- Sound System: Nicam Stereo

Convenience
- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer, Wake-up Clock, Wake-Up Timer
- Connection Enhancement: Easy link
- Ease of Installation: Auto Programme Naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug & Play
- Ease of Use: Auto Volume Leveller (AVL), Graphical User Interface, On-Screen Display, Programme List, Side Control
- Remote Control: TV
- Remote control type: RCPF01EO9B
- Screen Format Adjustments: 4:3, Auto Format, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- Teletext: 1000-page Hypertext
- Teletext enhancements: Fast text, Programme information Line
- Smart mode: Game, Movie, Personal, Energy saving, Standard, Vivid

Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL I, PAL B/G, SECAM B/G, SECAM L/L'
- Video Playback: NTSC, SECAM, PAL
- Tuner bands: Hyperband, S-Channel, UHF, VHF

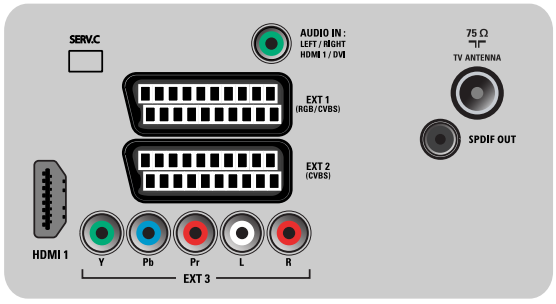
Connectivity
- Ext 1 Scart: Audio L/R, RGB
- Ext 2 Scart: Audio L/R
- Number of Scarts: 2
- Ext 3: YPbPr, Audio L/R in
- Front/Side connections: HDMI v1.3, CVBS in, Audio L/R in
- Audio Output - Digital: Coaxial (cinch)
- Other connections: S/PDIF out (coaxial)
- HDMI 1: HDMI v1.3
- EasyLink (HDMI-CEC): One touch play, EasyLink, System standby

Power
- Ambient temperature: 5°C to 40°C
- Mains power: 220–240 V, 50 Hz
- Power consumption (typical): 125 W
- Standby power consumption: 0.30 W

Dimensions
- Set dimensions (W x H x D): 1026 x 667.4 x 82.4 mm
- Set dimensions with stand (W x H x D): 1026 x 727.4 x 261.5 mm
- Weight incl. Packaging: 23.6 kg
- Product weight: 17.38 kg
- Product weight (+stand): 19.5 kg
- Box dimensions (W x H x D): 1170 x 787 x 260 mm
- Colour cabinet: High gloss black deco front black cabinet
- VESA wall mount compatible: 400 x 400 mm

Accessories
- Included accessories: Tabletop stand, Power cord, Quick start guide, User Manual, Warranty certificate, Remote Control, 2 x AAA Batteries

Rear connectors



Side

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